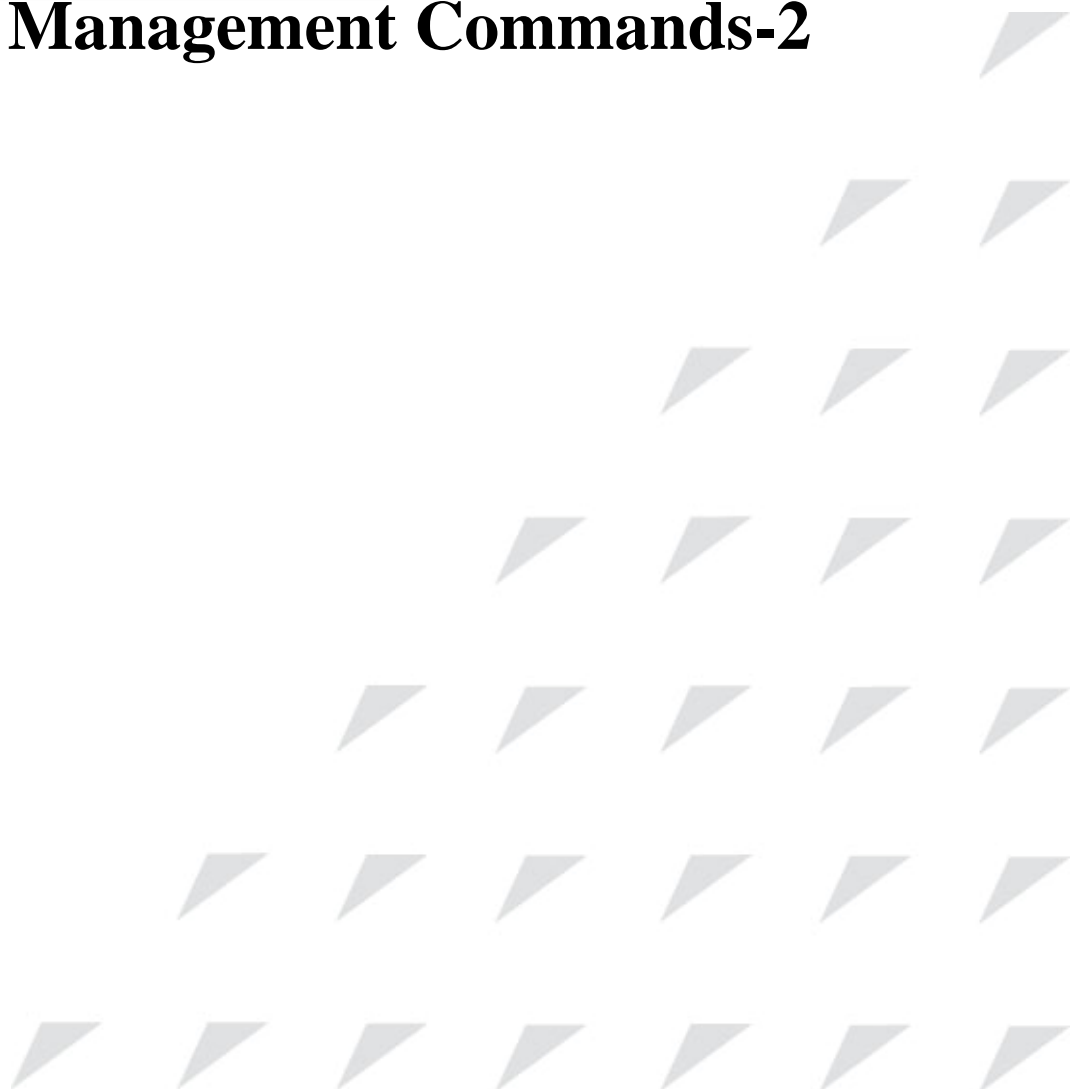


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## **Bandwidth Management Commands-2**



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## Chapter 1 Bandwidth Commands

### 1.1 rate-limit double-tagging-vlan

#### [Function]

Set bandwidth for QinQ VLAN, command in **no** form for cancel operation.

#### [Command Format]

**rate-limit double-tagging-vlan outer** {<1-4094>/any} **inner** {<1-4094>/any} *rate burst*  
[*schedule-list list-no*]

**no rate-limit double-tagging-vlan outer** {<1-4094>/any} **inner** {<1-4094>/any}  
[*schedule-list list-no*]

#### [Parameter]

*outer*: outer VLAN;

<1-4094>: VLANID;

*any*: any VLAN

*inner*: inter VLAN

*rate*: rate (from 1 to 1048576kbps)

*burst*: burst rate(from 1 to 512KBps)

*schedule-list*: set the start time, over time, period interval of schedule

*list-no*: list range 0-99.

#### [Default]

No QinQ VLAN bandwidth limit

#### [Command Modes]

Global configuration mode; Privileged user

#### [Command Executing Instruction]

The rate should be near the  $2^n$  power of 2 (n should be whole number).

#### [Explanation of command execution echo]

*Set successfully*

*Set unsuccessfully!*

#### [Example]

Set outer VLAN 4 bandwidth limit to be 4Mbps, burst value to be 64Kbps:

Raisecom(config)#**rate-limit double-tagging-vlan outer 4 inner any 4196 64**

Set outer VLAN 8 inner 6 bandwidth limit to be 4Mbps, burst value to be 64Kbps:

Raisecom(config)#**rate-limit double-tagging-vlan outer 8 inner 6 4196 64**

Delete outer VLAN 4 bandwidth limit:

Raisecom(config)#**no rate-limit double-tagging-vlan outer 4 inner any**

#### [Related commands]

Commands	Description
<b>rate-limit vlan</b>	Set VLAN bandwidth limit.
<b>show rate-limit vlan</b>	Show rate limit of all VLAN.

## 1.2 rate-limit vlan

#### [Function]

Set VLAN bandwidth limit, command in **no** form for cancel operation.

#### [Command Format]

**rate-limit vlan** <1-4094> *rate burst [schedule-list list-no]*

**no rate-limit vlan** <1-4094> [*schedule-list list-no*]

#### [Parameter]

*VLAN*: VLAN;

<1-4094>: VLANID;

*rate*: rate (from 1 to 1048576kbps)

*burst*: burst rate(from 1 to 512KBps)

*schedule-list*: set the start time, over time, period interval of schedule

*list-no*: list range 0-99

#### [Default]

No VLAN bandwidth limit

#### [Command Modes]

Privileged EXEC; Global configuration mode

#### [Command Executing Instruction]

The rate should be near the  $n^{\text{th}}$  power of 2 (n should be whole number).

#### [Explanation of command execution echo]

*Set successfully*

*Set unsuccessfully !*

#### [Example]

Set VLAN 5 bandwidth limit to be 5Mbps, burst value to be 32Kbps:

Raisecom(config)#**rate-limit vlan 5 5120 32**

Delete VLAN 5 bandwidth limit:

Raisecom(config)#**no rate-limit vlan 5**

#### [Related commands]

Commands	Description
<b>rate-limit double-tagging-vlan</b>	Set bandwidth limit of QinQ VLAN.
<b>show rate-limit vlan</b>	Show all VLAN bandwidth limit setting.

## 1.3 show rate-limit vlan

#### [Function]

Show configuration of VLAN bandwidth.

#### [Command Format]

**show rate-limit vlan**

#### [Parameter]

*rate-limit*: bandwidth limit;

*vlan*: VLAN.

#### [Command Modes]

Privileged EXEC, privileged user

#### [Explanation of command execution echo]

*CVLAN*: Customer VLAN(inner VLAN)

*SPVLAN*:Service provider VLAN(outer VLAN)

Type	CVLAN	SPVLAN	Rate(Kbps)	Burst(KBps)
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#### [Example]

Show rate limit information:

Raisecom#**show rate-limit vlan**

#### [Related commands]

Commands	Description
<b>rate-limit vlan</b>	Set bandwidth limit for VLAN.
<b>rate-limit double-tagging-vlan</b>	Set bandwidth limit for QinQ VLAN.



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